MICHAEL MILIC

Software Developer

@ mikemilic98@gmail.com

J 778-229-6392

www.michael-milic.ca

in michaelmilic

mikemilic98

EXPERIENCE

DevOps Intern

Department of National Defence

May 2020 - Ongoing

Canada

- Assembled, configured, and programmed ethernet and serial network for more efficient and organized communication (Python, Networking)
- Deployed log files to Elastic server and visualized using Kibana (ELK, Python, Networking, Docker)
- Communicate with team and participated in code reviews (Gitlab, Python, Git)

Web Developer

Comboosters

June 2020 - Present

■ Vancouver BC, Canada

Designed the sign up page where users can be added, verified, authorized, and payments can be processed (React, Firebase, Stripe, Flask, Python, Javascript, Git, Bitbucket)

Embedded Software Developer

Advanced Intelligent Systems

i Jan 2020 - Sept 2020

Burnaby, Canada

- Responsible for creating wireless Zigbee network to monitor the robot's battery level (wireless networks, Python, ROS, Zigbee)
- Given the responsibility of managing the AIS's entire microcontroller repository (Jira, Confluence, Git, Bitbucket)
- Opportunity to work in a start up work environment, learned to adapt quickly and prioritize

PROJECTS

Smart Traffic LiDar

5G Hackathon

April 2020

Vancouver Canada

Using LiDar data and keeping in mind benefits of 5G networks, an algorithm was developed to predict traffic light timing based off pedestrian and traffic density (Python, Pandas). Web App was also built to visualize the algorithm (Typescript).

BEAR UBC Engineering Team

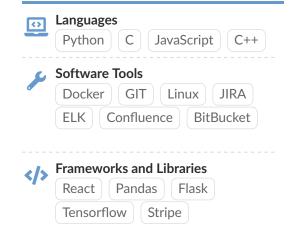
FSR Sub Team Lead

i Jan 2019 - Nov 2019

Vancouver Canada

• Developed a machine learning classifier identify objects with sensor data in real time (Python, Pandas, TensorFlow, Arduino).

SKILLS



EDUCATION

Bachelors of Electrical and Computer Engineering

University of British Columbia

Sept 2016 - May 2021

Challenging program with a variety of technical courses centered around existing and emerging technologies. Includes software, firmware, hardware, power electronics, algorithms and data structures, networking, and web development.

AWARDS

Schulich Leader Nominee-2015 Canada Games Triathlon Medalist-2017 UBC Athletics Scholarship-2016,2017,2018

HOBBIFS



Sports

Cycling, Running, Swimming, and Triathlon



Call of Duty, Catan